

WHAT IS CLAIMED IS:

1. A print system comprising an external  
operating apparatus, a host computer which  
communicates with said external operating apparatus,  
5 and a printer which communicates with said host  
computer,

wherein said external operating apparatus  
comprises

an operation panel which receives a print  
10 setting instruction from the user,

an operation panel controller for generating an  
interruption event corresponding to the print setting  
instruction each time the instruction is made to said  
operation panel, and

15 reading means for reading out image data from a  
storage medium,

wherein said host computer comprises

a receiving unit for receiving the image data  
read out from said storage medium,

20 a display control unit for receiving the  
interruption event from said external operating  
apparatus and effecting a preview display in which  
said print setting instruction is reflected to the  
image data received by said receiving unit, and

25 wherein a print control unit for generating  
print data corresponding to the print setting  
instruction, and

said printer prints the print data outputted from said host computer.

2. A system according to claim 1, wherein said  
5 operation panel controller includes a start  
instructing unit for instructing a print start and  
generates the interruption event according to the  
print start instruction.

10 3. A system according to claim 2, wherein in  
response to the reception of the interruption event  
corresponding to said print start instruction, said  
print control unit outputs to said printer the print  
data to which the print settings received by a  
15 plurality of interruption events received so far are  
reflected to said printer.

4. A system according to claim 1, wherein said  
host computer updates said preview display in  
20 accordance with the print setting corresponding to  
the interruption event which is generated every  
operation to said operation panel.

5. An external operating apparatus connectable  
25 to a print system constructed by a host computer  
including at least a receiving unit for receiving  
image data and an interruption event, a display

control unit for effecting a preview display in which  
a print setting instruction is reflected to the image  
data received by said receiving unit, and a print  
control unit for generating print data corresponding  
5 to the print setting instruction and outputting it to  
a printer, and said printer, comprising:

an operation panel which receives the print  
setting instruction from a user;

an operation panel controller for generating  
10 the interruption event corresponding to the print  
setting instruction each time the instruction is made  
to said operation panel;

reading means for reading out image data from a  
connected storage medium; and

15 transmitting means for transmitting the  
interruption event and the read-out image data.

6. An apparatus according to claim 5, wherein  
said operation panel controller includes a start  
20 instructing unit for instructing a print start and  
generates the interruption event corresponding to the  
print start instruction.

7. An apparatus according to claim 6, wherein  
25 in response to the reception of the interruption  
event corresponding to the print start instruction,  
said print control unit outputs to said printer the

print data to which the print settings received by a plurality of interruption events received so far is reflected.

5           8. An apparatus according to claim 5, wherein said host computer updates the preview display in accordance with the print setting corresponding to the interruption event which is generated every operation to the operation panel.

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          9. An information processing apparatus which can communicate with an external operating apparatus including an operation panel which receives a print setting instruction from the user, an operation panel  
15 controller for generating an interruption event corresponding to the print setting instruction each time the instruction is made to said operation panel, and reading means for reading out image data from a connected storage medium, and a printer, comprising:

20           a receiving unit for receiving the image data and the interruption event;

          a display control unit for effecting a preview display in which said print setting instruction is reflected to the image data received by said  
25 receiving unit; and

          a print control unit for generating print data corresponding to the print setting instruction and

outputting it to said printer.

10. An apparatus according to claim 9, wherein  
said operation panel controller includes a start  
5 instructing unit for instructing a print start and  
generates the interruption event corresponding to the  
print start instruction.

11. An apparatus according to claim 10, wherein  
10 in response to the reception of the interruption  
event corresponding to the print start instruction,  
said print control unit outputs to said printer the  
print data to which the print settings received by a  
plurality of interruption events received so far is  
15 reflected.

12. An apparatus according to claim 9, wherein  
said print control unit updates the preview display  
in accordance with the print setting corresponding to  
20 the interruption event which is generated every  
operation to said operation panel.

13. A method of controlling a print system  
comprising an external operating apparatus, a host  
25 computer which communicates with said external  
operating apparatus, and a printer which communicates  
with said host computer,

wherein said method includes a control method for said external operating apparatus, comprising the steps of

receiving by an operation panel a print setting  
5 instruction from the user,

generating an interruption event corresponding to the print setting instruction each time the instruction is made to said operation panel, and

reading out image data from a storage medium,  
10 wherein said method further includes a control method for said host computer, comprising the steps of

receiving the image data read out from said storage medium,

15 receiving the interruption event from said external operating apparatus and effecting a preview display in which said print setting instruction is reflected to the image data received in said image data receiving step, and

20 generating print data corresponding to the print setting instruction, and

wherein said method further includes a control method for said printer, comprising the steps of

said printer prints printing data outputted  
25 from said host computer.

14. A method of controlling an external

operating apparatus connectable to a print system  
constructed by a host computer including at least a  
receiving unit for receiving image data and an  
interruption event, a display control unit for  
5 effecting a preview display in which a print setting  
instruction is reflected to the image data received  
by said receiving unit, and a print control unit for  
generating print data corresponding to the print  
setting instruction and outputting it to a printer;  
10 and said printer, said method comprising the steps  
of:

receiving by an operation panel the print  
setting instruction from the user;

generating the interruption event corresponding  
15 to the print setting instruction each time the  
instruction is made to said operation panel in said  
receiving step;

reading out image data from a connected storage  
medium; and

20 transmitting the interruption event and the  
read-out image data.

15. A method of controlling an information  
processing apparatus which can communicate with an  
25 external operating apparatus including an operation  
panel which receives a print setting instruction from  
the user, an operation panel controller for

generating an interruption event corresponding to the  
print setting instruction each time the instruction  
is made to said operation panel, and reading means  
for reading out image data from a connected storage  
5 medium; and a printer, said method comprising the  
steps of:

receiving the image data and the interruption  
event;

effecting a preview display in which said print  
10 setting instruction is reflected to the image data  
received in said receiving step; and

generating print data corresponding to the  
print setting instruction and outputting it to said  
printer.

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16. A program for executing a method of  
controlling a print system comprising an external  
operating apparatus, a host computer which  
communicates with said external operating apparatus,  
20 and a printer which communicates with said host  
computer,

wherein said method includes a control method  
for said external operating apparatus, comprising the  
steps of

25 receiving by an operation panel a print setting  
instruction from the user,

generating an interruption event corresponding



to the print setting instruction each time the instruction is made to said operation panel, and reading out image data from a storage medium, wherein said method further include a control  
5 method for said host computer, comprising the steps of

receiving the image data read out from said storage medium,

receiving the interruption event from said  
10 external operating apparatus and effecting a preview display in which said print setting instruction is reflected to the image data received in said image data receiving step, and

generating print data corresponding to the  
15 print setting instruction, and

wherein said method further includes a control method for said printer, comprising the steps of printing the print data outputted from said host computer.

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17. A program for executing a method of controlling an external operating apparatus connectable to a print system constructed by a host computer including at least a receiving unit for  
25 receiving image data and an interruption event, a display control unit for effecting a preview display in which a print setting instruction is reflected to

the image data received by said receiving unit, and a print control unit for generating print data corresponding to the print setting instruction and outputting it to a printer; and said printer, said

5 method comprising the steps of:

receiving by an operation panel the print setting instruction from the user;

generating the interruption event corresponding to the print setting instruction each time the  
10 instruction is made to said operation panel in said receiving step;

reading out image data from a connected storage medium; and

transmitting the interruption event and the  
15 read-out image data.

18. A program for executing a method of controlling an information processing apparatus which can communicate with an external operating apparatus  
20 including an operation panel which receives a print setting instruction from the user, an operation panel controller for generating an interruption event corresponding to the print setting instruction each time the instruction is made to said operation panel,  
25 and reading means for reading out image data from a connected storage medium; and a printer, said method comprising the steps of:

receiving the image data and the interruption event;

effecting a preview display in which said print setting instruction is reflected to the image data  
5 received in said receiving step; and

generating print data corresponding to the print setting instruction and outputting it to said printer.